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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/078,278
Filing Date	February, 20, 2002
First Named Inventor	Robert E. Wagner
Art Unit	1634
Examiner Name	Bausch, S
Attorney Docket Number	28934-0001

ENCLOSURES (Check all that apply)

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Amendment and Response After Final
Rejection 37 C.F.R. 1.116 |
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The McCallum Law Firm, LLC		
Signature			
Printed name	Jennifer M. McCallum, Ph.D, Esq.		
Date	June 13, 2005	Reg. No.	52,492

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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Typed or printed name Jennifer M. McCallum, Ph.D, Esq.

Date June 13, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Robert E. Wagner JR.		
Serial No.:	10/078,278	Group Art Unit:	1634
Filed:	February 20, 2002	Examiner:	Bausch, S
For:	MUTATION DETECTION USING MutS and RecA	Attorney Docket:	28934-0001

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE AFTER FINAL REJECTION
37 C.F.R. 1.116**

Dear Sir:

This Amendment and Response is filed in response to the final Office Action mailed from the USPTO April 12, 2005. It is believed that no fee is currently due. In the event that a fee is deemed necessary, the undersigned authorizes the charge to be applied to Deposit Account No. 50-2679.

Please reconsider the Application as follows: